

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6761702"	USPAT	OR	OFF	2009/06/10 12:53
S2	1	"6918517"	USPAT	OR	OFF	2009/06/10 12:53
S3	17	"4842580"	USPAT	OR	OFF	2009/06/10 12:53
S4	1	"20060264808"	US_PGPUB	OR	OFF	2009/06/10 12:57
S5	2	"4943285"	US_PGPUB	OR	OFF	2009/06/10 12:58
S6	1	"4943285" and Hawks	US_PGPUB	OR	OFF	2009/06/10 12:58
S7	12	"4943285" and Hawks	USPAT	OR	OFF	2009/06/10 13:12
S8	3	((CHALLEN) near2 (WAYCHOFF)). INV.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 13:13
S9	16	US-6761702-\$._DID. OR US-6918517-\$._DID. OR US-4842580-\$._DID. OR US-4943285-\$._DID. OR US-1658754-\$._DID. OR US-2691373-\$._DID. OR US-5899878-\$._DID. OR US-5351674-\$._DID.	US_PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/10 13:14
S10	0	"10792086"	USPAT	AND	OFF	2009/06/10 15:19
S11	0	"10792086"	US_PGPUB	AND	OFF	2009/06/10 15:19
S12	9	("3735751" "3771522" "3823714" "3908660" "4519385" "4637814" "5397304" "5443445" "5860916").PN. OR ("6761702").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:45
S13	30	("2148541" "2252569" "2257072" "2420586" "2564135" "2606557" "2617416" "2873739" "3401694" "3678932" "3771522").PN. OR ("3823714").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:53
S14	77152	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and (multiple near1 lumen or dual near1 chamber)	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:58

S15	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and (multiple near1 lumen or dual near1 chamber)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:58
S16	97530	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:59
S17	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:59
S18	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/06/10 16:59
S19	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:00
S20	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual near1 chamber and (obturator or inserter or inserting near device)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:00
S21	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<= "2004" and dual near1 chamber and groove near2 (obturator or inserter or inserting near device)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:01
S22	395	604/39	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/10 17:17
S23	351	604/39 and @ay<= "2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:18
S24	351	604/39 and @ay<= "2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:18
S25	14	("0801924" "2691373" "3374790" "3802418").PN. OR ("4986822").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 18:54
S26	1949	604/43	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:16
S27	229	604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:16

S28	187	604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon) and @ay<="2003" not S24	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:17
S29	23	US-4190059-\$.DID. OR US-4626239-\$.DID. OR US-4645497-\$.DID. OR US-4682979-\$.DID. OR US-4842580-\$.DID. OR US-4874363-\$.DID. OR US-5788650-\$.DID. OR US-5860916-\$.DID. OR US-5871463-\$.DID. OR US-6106506-\$.DID. OR US-6228048-\$.DID. OR US-D449104-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/10 21:06
S30	4205	(obturator or insertor or inserting near1 device) and (groove or track or slot) and (catheter or tube or cannula)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/10 21:10
S31	140	(obturator or insertor or inserting near1 device) near4 (groove or track or slot) and (catheter or tube or cannula) and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/10 21:10
S32	13	("2541542" "3039468" "5279553" "5360416" "5651790" "5667514" "5779624" "5853391" "5908431").PN. OR ("6283948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 21:16
S33	5	nozzle and vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S34	0	nozzle near "2" headand vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S35	0	nozzle near2 head and vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S36	5	nozzle near2 head and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:16
S37	14	("0681010" "0937292" "1602215" "2470293" "3469575" "3575160").PN. OR ("3842834").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 15:19
S38	1	("681010").URPN.	USPAT	OR	OFF	2009/06/11 15:22
S39	2166	(apertures or holes or outlets) near2 vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:24
S40	44	(apertures or holes or outlets) near2 vortex and trapezoidal	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:24
S41	56	(apertures or holes or outlets) near2 vortex and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:29

S42	3460	insertion near rod and (groove or slot)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:32
S43	1894	insertion near rod and (groove or slot) and (lengthwise or longitudinal)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S44	156	insertion near rod near4 (groove or slot) and (lengthwise or longitudinal)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S45	8	insertion near rod near4 (groove or slot) and (lengthwise or longitudinal) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S46	14	insertion near rod near4 (groove or slot) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:50
S47	14	insertion near rod near4 (groove or slot) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:50
S48	10	insertion near rod near4 groove and ridge	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:51
S49	26	"5730726"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 16:14
S50	13	("2541542" "3039468" "5279553" "5360416" "5651790" "5667514" "5779624" "5853391" "5908431").PN. OR ("6283948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:15
S51	33	("4166469" "4243050" "4345606").PN. OR ("5667514").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:21
S52	25505	insertion rod comprising (groove or slot) flexible member	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33
S53	7037	insertion rod comprising (groove or slot) flexible member guiding	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33
S54	1044	insertion rod comprising (groove or slot) flexible member guiding two lumen	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33
S55	507	insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:34
S56	96	insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003" and (colon or rectal or anal or anus)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:34
S57	364	604/510	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:44
S58	66	604/510 and groove	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:44
S59	63	604/95.02	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:55

S60	22	({"4601705" "4738666" "4758222" "4846174" "4917104" "5055101" "5123903" "5152748" "5315996" "5571085" "5843017" "6017340" "6146381" "6156018" "6190353" "6200315" "6231518" "6283951" "6309379").PN. OR ("6802835").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:57
S61	1551565	guiding rod catheter or tube	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:02
S62	1551066	guiding near rod catheter or tube	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:02
S63	155	guiding near rod (catheter or sheath)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S64	89	guiding near rod (catheter or sheath) @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S65	49	guiding near rod (catheter or sheath) @ay<="2003" (groove or slot)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S66	0	(front near end or distal) infusion and (hole of spertures of outlets) and inlet	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S67	1201	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S68	886	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S69	377	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and head	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S70	84	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and nozzle	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S71	240	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:09
S72	240	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy) and (medic\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:09

S73	87	604/166.01	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:19
S74	938	hydrotherapy	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:23
S75	38	hydrotherapy and colon	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:23
S76	15	604/267 and (rectal or rectum or anus or anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:27
S77	16	604/267 and (rectal or rectum or anus or anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:27
S78	579	604/257	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:28
S79	49	604/257 and (rectal or rectum or anus or anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:28
S80	24	604/911	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:33
S81	17	("4036235" "4106493" "4201212" "4206756" "4244377" "4258714" "4804362" "5309899" "5364343" "5395357" "5944711").PN. OR ("6210358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 15:36
S82	20	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and pressur\$4 and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:35
S83	0	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical and vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49
S84	25	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49
S85	5	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical not S82	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49
S86	770	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:07

S87	6	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:07
S88	306	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and (catheter or tube or nozzle)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:10
S89	14	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle and jet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:01
S90	3	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:02
S91	31	trapezoidal near3 (outlets or openings or apertures or holes) nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:05
S92	828	trapezoidal nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:05
S93	403	trapezoidal and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
S94	295	trapezoidal and nozzle near2 head and @ay<="2003" and jet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
S95	353	trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
S96	20	trapezoidal near4 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
S97	0	trapezoidal near6 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:08
S98	10	trapezoidal and nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:09
S99	1004	nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:14
S100	129	trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" not ink	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:14

S101	1487	forward near facing and (outlet or aperture or hole or opening) and nozzle	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:18
S102	40	forward near facing and (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:18
S103	30	anterior and plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:20
S104	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:21
S105	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOOR; DERWENT	WITH	ON	2009/06/12 19:22
S106	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOOR; DERWENT	SAME	ON	2009/06/12 19:22
S107	212169	nozzle head	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:22
S108	24056	nozzle near head	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:22
S109	3412	nozzle near head and plurality near3 (apertures or holes or outlets or openings)	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:23
S110	42	nozzle near head and plurality near3 (apertures or holes or outlets or openings) and medical not ink	US-PGPUB; USPAT; USOOR; DERWENT	AND	ON	2009/06/12 19:23

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S111	399	604/39	USPAT; UPAD	OR	ON	2010/04/08 21:16
S112	49	604/39 and (vortex or high near pressure)	USPAT; UPAD	AND	ON	2010/04/08 21:16
S113	0	604/39 and (vortex or high near pressure) and tapezoidal	USPAT; UPAD	AND	ON	2010/04/08 21:16

4/10/2010 12:33:35 PM

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